

Amendments to the Specification:

1. Please replace the following text beginning on page 1:

REFERENCE TO SEQUENCE LISTING, A TABLE, OR A COMPUTER

PROGRAM LISTING APPENDIX: Not applicable.

with the following amended text:

REFERENCE TO SEQUENCE LISTING, A TABLE, OR A COMPUTER

PROGRAM LISTING APPENDIX: A computer program listing, entitled "bow-19991122", is submitted as an appendix on a single compact disc (plus one duplicate of that compact disc). The computer program listing is hereby incorporated by reference. The bow-19991122 software code is freely available, public domain software, as follows:

It is released under the Library GNU Public License (LGPL). You are welcome to use the code under the terms of the license for research or commercial purposes, however please acknowledge its use with a citation:

McCallum, Andrew Kachites. "Bow: A toolkit for statistical language modeling, text retrieval, classification and clustering."
<http://www.cs.cmu.edu/~mccallum/bow>. 1996.

The "bow-19991122" software toolkit was downloaded on March 18, 2000 from the above-mentioned Web site in compressed form, then uncompressed and extracted (with the UNIX "tar" utility program). The toolkit is contained on the compact disc within the "bow-19991122" directory, which contains 109 files (total size 1,868,349 bytes) and two subdirectories. The subdirectories are "argp", containing 32 files (total size 274,860 bytes), and "bow", containing 17 files (total size 128,038 bytes). The names of the individual files within the main-directory and sub-directories of the toolkit, along with their size in bytes and dates of creation, are listed in the transmittal letter that accompanies the compact disc. The compact disc also contains a file entitled Rainbow.htm, which is a browser-readable tutorial describing a computer program within the software toolkit, "Rainbow". The program "Rainbow" serves as a front-end for the toolkit, through which the user may invoke operation of the functions of the "bow" software toolkit. That tutorial file was written by Andrew McCallum and was copied from the above-mentioned Web site, on March 22, 2000. The Rainbow.htm tutorial is hereby incorporated by reference.

2. Please cancel the following Item No. 3 in Applicant's February 2, 2006 response to the Office Action of November 4, 2005:

3. Please replace the following text beginning on page 17, line 5:

These modules make use of the "bow" software toolkit for statistical language modeling, text retrieval, classification, and clustering (version 1999.11.22), which was downloaded from the Web site <http://www.cs.cmu.edu/~mccallum/bow>, and which is hereby incorporated by reference, in particular, its open source code.

with the following amended text:

These modules make use of the "bow" software toolkit for statistical language modeling, text retrieval, classification, and clustering (version 1999.11.22), which was downloaded from the Web site <http://www.cs.cmu.edu/~mccallum/bow>, in particular, its open source code.

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with the following amended text:

These modules make use of the "bow" software toolkit for statistical language modeling, text retrieval, classification, and clustering (version 1999.11.22), which is submitted as an appendix "bow-19991122" on a compact disc, in particular, its open source code.

4. Please cancel the following Item No. 5 in Applicant's February 2, 2006 response to the Office Action of November 4, 2005:

5. Please replace the following text beginning on page 37, line 18:

The possible options are listed in the documentation for the 'rainbow' computer program at the Web site www.cs.cmu.edu/~mccallum/bow, as well as its "rainbow -help" on-line documentation, which are included here by reference.

with the following amended text:

The possible options are listed in the documentation for the 'rainbow' computer program at the Web site *www.cs.cmu.edu/~mccallum/bow*, as well as its "rainbow -help" on-line documentation.

5. Please replace the following text beginning on page 37, line 18:

The possible options are listed in the documentation for the 'rainbow' computer program at the Web site *www.cs.cmu.edu/~mccallum/bow*, as well as its "rainbow --help" on-line documentation, which are included here by reference.

with the following amended text:

The possible options are listed in the documentation for the 'rainbow' computer program, which is submitted in an appendix on a compact disc as "Rainbow.htm", as well as its "rainbow --help" on-line documentation.